

What is claimed is:

1           1.    A system for illustrating sound and text comprising:  
2               a book with pages including illustrations and/or text, at least some of said  
3               pages including magnetic signatures;  
4               a book holder adapted to accept said book, said book holder having a  
5               reading surface with a magnetic signature sensor, a cartridge slot, a reading  
6               controller, a speaker, and a power supply; and  
7               a cartridge adapted to be inserted in said cartridge slot, said cartridge  
8               including stored audio representations related to said illustrations and/or text of  
9               said pages;  
10              wherein said magnetic signature sensor is predisposed to detect magnetic  
11              signatures on said pages as they are turned by a user viewing said book, and  
12              wherein said reading controller is adapted to interact with said magnetic  
13              signature sensor to determine what page or pages said user is viewing and to  
14              retrieve audio representations of illustrations and/or text stored on said cartridge  
15              corresponding to said page or pages being viewed by said user and to reproduce  
16              audible sounds related to said retrieved audio representations through said  
17              speaker for listening by said user.

1           2.    The system according to Claim 1 wherein said magnetic signatures are  
2               attached to at least some of said pages in a specified location in order to be  
3               detected by said magnetic signature sensor.

1           3.    The system according to Claim 1 wherein said magnetic signature sensor  
2               further comprises one or more individualized reading elements, said reading  
3               elements pre-aligned on said reading surface in order to correspond with said  
              magnetic signatures at their specified locations.

1 4. The system according to Claim 1 wherein said reading surface is a  
2 substantially flat platform.

1 5. The system according to Claim 1 wherein said power supply is  
2 communicably coupled with said reading controller and said speaker, said power  
3 supply further adapted to control the activation and de-activation of said book  
4 holder.

005240-44925560

1 6. A method for illustrating sound and text utilizing a book holder including a  
2 reading controller, a speaker, and a magnetic signature sensor with one or more  
3 reading elements, said book holder adapted to accept a book with pages  
4 including illustrations and/or text, at least some of said pages including magnetic  
5 signatures, the method comprising the steps of:

6 attaching said magnetic signatures in a specified location on said pages;  
7 detecting the specified locations of said magnetic signatures utilizing said  
8 reading elements of said magnetic signature sensor;  
9 correlating said specified locations with stored audio representations  
10 related to said illustrations and/or text of said pages; and  
11 delivering audible sounds corresponding to said stored audio  
12 representations via said speaker to accompany the illustrations and/or text on  
13 said page or pages.

14 7. The method according to Claim 6 wherein said attaching step is followed  
15 by the step of placing said book on said book holder in a position wherein said  
16 magnetic signatures on said pages of said book are properly aligned with said  
17 reading elements of said magnetic signature sensor.

18 8. The method according to Claim 7 wherein said placing step is followed by  
19 the step of turning said pages of said book in order to view illustrations and/or  
20 text therein.

1 9. The method according to Claim 8 wherein said turning step further  
2 includes the step of identifying the illustrations and/or text on said pages utilizing  
3 said magnetic signatures attached in specified locations on said pages detected  
4 by said reading elements of said magnetic signature sensor.

1 10. The method according to Claim 6 wherein said delivering step is preceded  
2 by the step of retrieving the stored audio representations of said illustrations  
3 and/or text corresponding to said page or pages being viewed by said user.

1 11. The method according to Claim 10 wherein said retrieving step is followed  
2 by the step of reproducing the stored audio representations of said illustrations  
3 and/or text retrieved corresponding to said page or pages being viewed by said  
4 user.

1 12. A method for electronically storing text and audio content for use in an  
2 electronic book reader system, the method comprising the steps of:  
3 creating electronic equivalent representations of said text and audio  
4 content; and  
5 storing said electronic equivalent representations in a first electronic  
6 memory space.

1 13. The method according to Claim 12 wherein said creating step further  
2 includes the step of recording sounds and/or words corresponding to illustrations  
3 and/or text of a book.

1 14. The method according to Claim 12 wherein said storing step further  
2 includes the step of formatting said electronic equivalent representations into a  
3 digital format.

1 15. The method according to Claim 12 wherein said storing step further  
2 includes the step of sorting said electronic equivalent representations into a  
3 plurality of addresses (e.g., A0, A1, A2 . . . An) within said first electronic memory  
4 space.

1 16. The method according to Claim 12 wherein said sorting step is followed  
2 by the step of packaging said electronic equivalent representations stored in said  
3 first electronic memory space utilizing a chip housed within a cartridge means.

1 17. The method according to Claim 16 wherein said packaging step further  
2 includes the step of inserting said cartridge means into said electronic book  
3 reader system adapted to receive said cartridge means.

- 1 18. The method according to Claim 17 wherein said inserting step is followed
- 2 by the step of downloading a duplicate of said electronic equivalent
- 3 representations stored in said first electronic memory space into a second
- 4 electronic memory space housed within said electronic book reader system.

005240-1192550

1 19. An electronic book reader system for illustrating sound and text  
2 comprising:

3 a reading surface adapted to accept a book with pages, said pages  
4 including illustrations and/or text, at least some of said pages including magnetic  
5 signatures attached at specified locations;

6 a book support surface adjoined to one side of said reading surface, said  
7 book support surface adapted to support said page or pages viewed by a user;

8 a magnetic signature sensor including one or more individualized reading  
9 elements, said magnetic signature sensor predisposed to detect said magnetic  
10 signatures on said pages as they are turned by said user viewing said book;

11 a bracket coupled to said reading surface adapted to hold said book in  
12 place while said page or pages are turned;

13 a reading controller adapted to interact with said magnetic signature  
14 sensor in order to determine what page or pages said user is viewing; and

15 a power supply communicably coupled with said reading controller  
16 adapted to activate and de-activate the functionality of said electronic book  
17 reader;

18 a cartridge slot within said electronic book reader adapted to receive a  
19 cartridge including stored audio representations related to said illustrations  
20 and/or text of said pages; and

21 a speaker communicably coupled with said reading controller adapted to  
22 deliver said audio representations for listening and reading along with said page  
23 or pages viewed by said user.

24 wherein said reading controller is adapted to retrieve and reproduce said  
25 audio representations of said illustrations and/or text stored on said cartridge  
26 corresponding to said page or pages being viewed by said user.

1 20. The system according to Claim 19 wherein said reading elements  
2 are pre-aligned on said reading surface in order to correspond with said  
3 magnetic signatures at their specified locations.

1 21. The system according to Claim 19 wherein said reading surface  
2 and said book support surface are substantially flat platforms.

1 22. The system according to Claim 21 wherein said reading surface  
2 and said book support surface are adjoined by a means adapted to fold in a  
3 manner allowing for both surfaces to meet for easy carrying of said electronic  
4 book reader system.

5 23. The system according to Claim 19 wherein said reader further  
6 comprises a volume control adapted to control the volume of the deliver of said  
7 audio representations for enjoyable listening by said user.

8 24. The system according to Claim 19 wherein said power supply is  
9 coupled with a Light Emitting Diode (LED) indicator for determining the state  
10 (e.g., On/Off) of said electronic book reader system.

1 25. A cartridge device for storing text and audio content converted into  
2 electronic equivalent representations of said text and audio content for use in an  
3 electronic book reader system, the device comprising:

4 a carrier means for housing said electronic equivalent representations;  
5 a chip adapted to store said electronic equivalent representations; and  
6 a plurality of pins adapted to communicate with said electronic book  
7 reader system.

1 26. The device according to Claim 25 wherein said carrier means includes a  
2 box with a top surface, a bottom surface, a first side, a second side, a front side  
3 and a back side.

4 27. The device according to Claim 26 wherein said front side includes said  
5 plurality of pins adapted for inserting into said electronic book reader system.

6 28. The device according to Claim 25 wherein said chip further comprises a  
7 first electronic memory space configured to store said electronic equivalent  
8 representations.

1 29. The device according to Claim 28 wherein said first electronic memory  
2 space further includes a memory array comprising a plurality of addresses (e.g.,  
3 A1, A2 . . . An) for sorting said electronic equivalent representations.

1 30. The device according to Claim 28 wherein said first electronic memory  
2 space is configured to communicate with a second electronic memory space  
3 housed within said electronic book reader system.